

Shipping

DREDGE CALIFORNIA MAY LEAVE IN TOW OF BIG TUG HERCULES

The dredge California, which has been riding at the upper end of the harbor for some months, following the unsuccessful attempt to tow the craft to the Coast, will, it is expected, depart for Southern California in tow of the powerful seagoing tug Hercules.

The California was to have been sent to the mainland the early part of the year, and was towed four hours on the way, when, owing to rough weather encountered in Volokai channel, a number of seams opened in the bottom of the dredge, with the result that a hasty return to Honolulu was decided upon.

During the time that the California has remained at the end of the harbor much material has gone into its reconstruction. It is believed that the craft is now in every way seaworthy and fitted to stand the twenty to twenty-five day trip across the Pacific.

The Hercules is expected here daily with a large pontoon in tow, intended for the United States navy at Pearl Harbor.

Inter-Island Sailings Tomorrow.

Two inter-island steamers have been placed on the berth for departure for Friday. The Kaula liner W. G. Hall will be held here pending some overhauling and the arrival of a coast mail in the Japanese liner, Nippon Maru. This vessel is to take a fair list of passengers and shipments of fertilizer, lumber and sundries for the regular ports on the Garden Islands.

The Claudine will sail at 5 o'clock in the evening for the usual ports, on Maui and Hawaii, with Hilo as a terminal.

The inter-island steamer Kilauwa, from Kona and Kau ports, bringing back Secretary Fisher and party, is due to arrive here early tomorrow morning.

Singapore's Wireless Station.

The wireless telegraph station that was opened at Colombo July 22 is understood to be of considerable power and only able to meet the requirements of shipping, says an Australian paper. A larger station is to be erected in the Straits Settlements, which will be capable of communicating with the high power stations now being completed at Fremantle. This will form one of the links in the Imperial chain to bind the British Empire.

Haunted Convict Ship.

The oldest ship in the world, the convict ship Success, has been sixty-six days in the Atlantic in a succession of gales, and her crew has had a terrible experience, according to the captain of the Cunard liner Francoonia, with her.

They declare that the ship is haunted, and refuse to go below to the cells and dungeon decks.

Lurline Sails Friday for Kahului.

Cargo is being discharged from the Matson Navigation steamer Lurline in order that the vessel may get away for Kahului tomorrow evening. The Lurline has about seven hundred tons of freight for the Maui port, and is expected to return to Honolulu early Sunday morning. Little or no island products will be secured at Kahului.

Derelict Junk Menace to Navigation.

Officers of the Pacific Mail liner Korea were notified on leaving Hongkong of the presence of a derelict Chinese junk, a portion of the craft showing above the surface of the sea. The wreck was located directly in the path taken by liners in proceeding from Hongkong to Shanghai.

Many Shoals Now Charted.

During 1911 as many as 442 rocks and shoals dangerous to navigation were reported in various parts of the world. Of these 13 were discovered by vessels striking on them; 198 were reported by the admiralty surveying ships, and 8 by other ships.

Tanker Departs for the Coast.

The American oil tanker Wm. F. Herrin yesterday finished discharging 50,000 barrels of fuel oil and sailed for San Francisco shortly after 5 o'clock. This vessel represents one of the largest tank steamers to visit the port of Honolulu.

Noted Shipbuilder's Death.

William Hamilton, chairman of directors and founder of the firm of Messrs. William Hamilton & Co., shipbuilders, Port Glasgow, has died at his Arrian residence in his seventy-fourth year.

Alaskan Sailing from Hilo for San Francisco.

The American-Hawaiian freighter Alaskan is scheduled to sail from Hilo for San Francisco direct this evening, according to advices received by C. P. Morse, general freight agent for the line. The Alaskan is to be supplied with 2,500 tons sugar and about 40,000 cases of preserved pineapples. The Alaskan is to gather freight from San Francisco to fill out a complete cargo destined for Salina Cruz.

The last large shipments of sugar and pineapples for 1912 have left the islands by previous departures of steamers for the states and the isthmus.

Virginian to Land Livestock.

The American-Hawaiian S. S. Virginian, with special fittings for the transportation of livestock, is reported to be preparing to bring down a number of head of fine horses and mules for local importers. The Virginian sails from Puget Sound on October 4 and should arrive at Honolulu on the 13th.

Five thousand tons of general cargo—one of the largest shipments of freight from the East Coast of the United States—are expected to arrive here in this vessel, including west-bound cargoes Nos. 296, 297 and 298, leaving New York on August 12, 14 and 23, in the freighters, Georgian, Oregon and Texan.

The Virginian will, after discharging Honolulu cargo, proceed to Kailua and Hilo. The Virginian steams from Hilo to San Francisco and thence to Salina Cruz.

Japanese Coal for Hawaiian Islands.

According to late advices received by the local branch of the Merchants' Exchange, the Japanese freighter Toku Maru, Number 2, is reported to load coal at Moji, Japan, for the Hawaiian Islands. The vessel and cargo are said to be consigned to the local agency of Hind, Ralph & Co. The coal will probably be delivered to Kailua or Hawaii ports.

Strathallan a Fixture for Australia.

A cargo of lumber will be supplied the British freighter Strathallan, which is expected to sail from Honolulu this afternoon for Noyo, Calif. This vessel has been discharged of a consignment of Newcastle, N. S. W., coal, to the order of the Inter-Island Steam Navigation Company. The Strathallan has been fixed for Australian ports.

Transport Sherman on Way to Islands.

With officers, troops and civilian passengers, the United States army transport Sherman, sailing from Manila for the mainland on September 16, is understood to have cleared from Nagasaki, Japan, on or about September 24th. This vessel is due to arrive at Honolulu on the way to San Francisco on October 4th.

Schooner Kona to Load for Australia.

The American schooner Kona, now discharging a shipment of lumber at Port Allen, is to proceed to Grays Harbor, there to take on a cargo of lumber destined for Sydney or Newcastle, N. S. W. The schooner has been fixed at fifty-five shillings. The Kona is expected to depart from the Kauai ports within a few days.

After completing the discharge of a shipment of nitrate from South American ports, the American bark Eudora will proceed to Puget Sound, there to load cargo for the United Kingdom. The bark is believed will sail from Honolulu by the first of the coming week.

The United States Cruiser Maryland.

With Secretary of State Knox as its distinguished passenger, is expected to arrive here on Sunday, according to late advices received at the local naval station. The Maryland sailed from Yokohama Sept. 21st.

The inter-island steamer Niihau has been placed on the berth to sail for Kaunapali, Lanai ports and Lahaia at 3 o'clock this afternoon, taking a general cargo and later mail.

Mail and a few lay-over passengers leaving Honolulu in the Pacific Mail liner Persia on September 18, arrived at San Francisco yesterday morning.

A big freight and shipments of lumber are due to arrive here from San Francisco and Puget Sound ports on Friday morning in the Matson Navigation steamship Hyades.

The Japanese liner Nippon Maru will bring the next mail from the mainland, the steamer to arrive here tomorrow morning, according to late wireless messages received at the agency of Castle & Cooke.

The Matson Navigation liner Wilhelmina, sailing from San Francisco yesterday afternoon with a full list of passengers and a general cargo for Honolulu and Hilo, is due to arrive here early next Tuesday morning.

According to cables received at the local branch of the Merchants' Exchange, the Matson Navigation steamer Honolulu, leaving here last Wednesday, arrived at San Francisco shortly after the noon hour yesterday.

The Oceanic steamship Ventura, from San Francisco, with passengers and freight for Honolulu, Pago Pago and Sydney, is expected to arrive at this port early Monday morning. The Ventura is to be given prompt dispatch for the Colonies through the agency of C. Brewer & Co., sailing for Sydney at 5 o'clock in the evening.

TIDES—SUN AND MOON

| Date | High Tide Large | Low Tide Small | High Tide Small | Low Tide Large | Sun Rises | Moon Sets | Month |
|----------|--------------------|-------------------|--------------------|-------------------|--------------|--------------|-------|
| Sept. 25 | 6:20 a.m. | 1:10 p.m. | 6:20 a.m. | 1:10 p.m. | 5:50 | 5:51 | 3:34 |
| 26 | 6:15 a.m. | 1:15 p.m. | 6:15 a.m. | 1:15 p.m. | 5:45 | 5:50 | 4:25 |
| 27 | 6:10 a.m. | 1:20 p.m. | 6:10 a.m. | 1:20 p.m. | 5:40 | 5:49 | 5:15 |
| 28 | 6:05 a.m. | 1:25 p.m. | 6:05 a.m. | 1:25 p.m. | 5:35 | 5:51 | 6:06 |
| 29 | 6:00 a.m. | 1:30 p.m. | 6:00 a.m. | 1:30 p.m. | 5:30 | 5:52 | 6:56 |
| 30 | 5:55 a.m. | 1:35 p.m. | 5:55 a.m. | 1:35 p.m. | 5:25 | 5:53 | 7:44 |
| Oct. 1 | 5:50 a.m. | 1:40 p.m. | 5:50 a.m. | 1:40 p.m. | 5:20 | 5:54 | 8:31 |
| 2 | 5:45 a.m. | 1:45 p.m. | 5:45 a.m. | 1:45 p.m. | 5:15 | 5:55 | 9:16 |
| 3 | 5:40 a.m. | 1:50 p.m. | 5:40 a.m. | 1:50 p.m. | 5:10 | 5:56 | 10:00 |
| 4 | 5:35 a.m. | 1:55 p.m. | 5:35 a.m. | 1:55 p.m. | 5:05 | 5:57 | 10:43 |
| 5 | 5:30 a.m. | 2:00 p.m. | 5:30 a.m. | 2:00 p.m. | 5:00 | 5:58 | 11:24 |
| 6 | 5:25 a.m. | 2:05 p.m. | 5:25 a.m. | 2:05 p.m. | 4:55 | 5:59 | 12:04 |
| 7 | 5:20 a.m. | 2:10 p.m. | 5:20 a.m. | 2:10 p.m. | 4:50 | 6:00 | 12:43 |
| 8 | 5:15 a.m. | 2:15 p.m. | 5:15 a.m. | 2:15 p.m. | 4:45 | 6:01 | 1:21 |
| 9 | 5:10 a.m. | 2:20 p.m. | 5:10 a.m. | 2:20 p.m. | 4:40 | 6:02 | 1:58 |
| 10 | 5:05 a.m. | 2:25 p.m. | 5:05 a.m. | 2:25 p.m. | 4:35 | 6:03 | 2:34 |
| 11 | 5:00 a.m. | 2:30 p.m. | 5:00 a.m. | 2:30 p.m. | 4:30 | 6:04 | 3:09 |
| 12 | 4:55 a.m. | 2:35 p.m. | 4:55 a.m. | 2:35 p.m. | 4:25 | 6:05 | 3:43 |
| 13 | 4:50 a.m. | 2:40 p.m. | 4:50 a.m. | 2:40 p.m. | 4:20 | 6:06 | 4:16 |
| 14 | 4:45 a.m. | 2:45 p.m. | 4:45 a.m. | 2:45 p.m. | 4:15 | 6:07 | 4:48 |
| 15 | 4:40 a.m. | 2:50 p.m. | 4:40 a.m. | 2:50 p.m. | 4:10 | 6:08 | 5:19 |
| 16 | 4:35 a.m. | 2:55 p.m. | 4:35 a.m. | 2:55 p.m. | 4:05 | 6:09 | 5:49 |
| 17 | 4:30 a.m. | 3:00 p.m. | 4:30 a.m. | 3:00 p.m. | 4:00 | 6:10 | 6:18 |
| 18 | 4:25 a.m. | 3:05 p.m. | 4:25 a.m. | 3:05 p.m. | 3:55 | 6:11 | 6:46 |
| 19 | 4:20 a.m. | 3:10 p.m. | 4:20 a.m. | 3:10 p.m. | 3:50 | 6:12 | 7:13 |
| 20 | 4:15 a.m. | 3:15 p.m. | 4:15 a.m. | 3:15 p.m. | 3:45 | 6:13 | 7:39 |
| 21 | 4:10 a.m. | 3:20 p.m. | 4:10 a.m. | 3:20 p.m. | 3:40 | 6:14 | 8:04 |
| 22 | 4:05 a.m. | 3:25 p.m. | 4:05 a.m. | 3:25 p.m. | 3:35 | 6:15 | 8:28 |
| 23 | 4:00 a.m. | 3:30 p.m. | 4:00 a.m. | 3:30 p.m. | 3:30 | 6:16 | 8:51 |
| 24 | 3:55 a.m. | 3:35 p.m. | 3:55 a.m. | 3:35 p.m. | 3:25 | 6:17 | 9:13 |
| 25 | 3:50 a.m. | 3:40 p.m. | 3:50 a.m. | 3:40 p.m. | 3:20 | 6:18 | 9:34 |
| 26 | 3:45 a.m. | 3:45 p.m. | 3:45 a.m. | 3:45 p.m. | 3:15 | 6:19 | 9:54 |
| 27 | 3:40 a.m. | 3:50 p.m. | 3:40 a.m. | 3:50 p.m. | 3:10 | 6:20 | 10:13 |
| 28 | 3:35 a.m. | 3:55 p.m. | 3:35 a.m. | 3:55 p.m. | 3:05 | 6:21 | 10:31 |
| 29 | 3:30 a.m. | 4:00 p.m. | 3:30 a.m. | 4:00 p.m. | 3:00 | 6:22 | 10:48 |
| 30 | 3:25 a.m. | 4:05 p.m. | 3:25 a.m. | 4:05 p.m. | 2:55 | 6:23 | 11:04 |
| Oct. 1 | 3:20 a.m. | 4:10 p.m. | 3:20 a.m. | 4:10 p.m. | 2:50 | 6:24 | 11:19 |
| 2 | 3:15 a.m. | 4:15 p.m. | 3:15 a.m. | 4:15 p.m. | 2:45 | 6:25 | 11:33 |
| 3 | 3:10 a.m. | 4:20 p.m. | 3:10 a.m. | 4:20 p.m. | 2:40 | 6:26 | 11:46 |
| 4 | 3:05 a.m. | 4:25 p.m. | 3:05 a.m. | 4:25 p.m. | 2:35 | 6:27 | 11:58 |
| 5 | 3:00 a.m. | 4:30 p.m. | 3:00 a.m. | 4:30 p.m. | 2:30 | 6:28 | 12:10 |
| 6 | 2:55 a.m. | 4:35 p.m. | 2:55 a.m. | 4:35 p.m. | 2:25 | 6:29 | 12:21 |
| 7 | 2:50 a.m. | 4:40 p.m. | 2:50 a.m. | 4:40 p.m. | 2:20 | 6:30 | 12:31 |
| 8 | 2:45 a.m. | 4:45 p.m. | 2:45 a.m. | 4:45 p.m. | 2:15 | 6:31 | 12:41 |
| 9 | 2:40 a.m. | 4:50 p.m. | 2:40 a.m. | 4:50 p.m. | 2:10 | 6:32 | 12:50 |
| 10 | 2:35 a.m. | 4:55 p.m. | 2:35 a.m. | 4:55 p.m. | 2:05 | 6:33 | 12:59 |
| 11 | 2:30 a.m. | 5:00 p.m. | 2:30 a.m. | 5:00 p.m. | 2:00 | 6:34 | 1:07 |
| 12 | 2:25 a.m. | 5:05 p.m. | 2:25 a.m. | 5:05 p.m. | 1:55 | 6:35 | 1:15 |
| 13 | 2:20 a.m. | 5:10 p.m. | 2:20 a.m. | 5:10 p.m. | 1:50 | 6:36 | 1:23 |
| 14 | 2:15 a.m. | 5:15 p.m. | 2:15 a.m. | 5:15 p.m. | 1:45 | 6:37 | 1:30 |
| 15 | 2:10 a.m. | 5:20 p.m. | 2:10 a.m. | 5:20 p.m. | 1:40 | 6:38 | 1:37 |
| 16 | 2:05 a.m. | 5:25 p.m. | 2:05 a.m. | 5:25 p.m. | 1:35 | 6:39 | 1:44 |
| 17 | 2:00 a.m. | 5:30 p.m. | 2:00 a.m. | 5:30 p.m. | 1:30 | 6:40 | 1:50 |
| 18 | 1:55 a.m. | 5:35 p.m. | 1:55 a.m. | 5:35 p.m. | 1:25 | 6:41 | 1:56 |
| 19 | 1:50 a.m. | 5:40 p.m. | 1:50 a.m. | 5:40 p.m. | 1:20 | 6:42 | 2:02 |
| 20 | 1:45 a.m. | 5:45 p.m. | 1:45 a.m. | 5:45 p.m. | 1:15 | 6:43 | 2:07 |
| 21 | 1:40 a.m. | 5:50 p.m. | 1:40 a.m. | 5:50 p.m. | 1:10 | 6:44 | 2:12 |
| 22 | 1:35 a.m. | 5:55 p.m. | 1:35 a.m. | 5:55 p.m. | 1:05 | 6:45 | 2:17 |
| 23 | 1:30 a.m. | 6:00 p.m. | 1:30 a.m. | 6:00 p.m. | 1:00 | 6:46 | 2:22 |
| 24 | 1:25 a.m. | 6:05 p.m. | 1:25 a.m. | 6:05 p.m. | 1:00 | 6:47 | 2:26 |
| 25 | 1:20 a.m. | 6:10 p.m. | 1:20 a.m. | 6:10 p.m. | 1:00 | 6:48 | 2:30 |
| 26 | 1:15 a.m. | 6:15 p.m. | 1:15 a.m. | 6:15 p.m. | 1:00 | 6:49 | 2:34 |
| 27 | 1:10 a.m. | 6:20 p.m. | 1:10 a.m. | 6:20 p.m. | 1:00 | 6:50 | 2:38 |
| 28 | 1:05 a.m. | 6:25 p.m. | 1:05 a.m. | 6:25 p.m. | 1:00 | 6:51 | 2:41 |
| 29 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:52 | 2:45 |
| 30 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:53 | 2:48 |
| Oct. 1 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:54 | 2:51 |
| 2 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:55 | 2:54 |
| 3 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:56 | 2:57 |
| 4 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:57 | 3:00 |
| 5 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:58 | 3:03 |
| 6 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 6:59 | 3:06 |
| 7 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:00 | 3:09 |
| 8 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:01 | 3:12 |
| 9 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:02 | 3:15 |
| 10 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:03 | 3:18 |
| 11 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:04 | 3:21 |
| 12 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:05 | 3:24 |
| 13 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:06 | 3:27 |
| 14 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:07 | 3:30 |
| 15 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:08 | 3:33 |
| 16 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:09 | 3:36 |
| 17 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:10 | 3:39 |
| 18 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:11 | 3:42 |
| 19 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:12 | 3:45 |
| 20 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:13 | 3:48 |
| 21 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:14 | 3:51 |
| 22 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:15 | 3:54 |
| 23 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:16 | 3:57 |
| 24 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:17 | 4:00 |
| 25 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:18 | 4:03 |
| 26 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:19 | 4:06 |
| 27 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:20 | 4:09 |
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| 29 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:22 | 4:15 |
| 30 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:23 | 4:18 |
| Oct. 1 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:24 | 4:21 |
| 2 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:25 | 4:24 |
| 3 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:26 | 4:27 |
| 4 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:27 | 4:30 |
| 5 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:28 | 4:33 |
| 6 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:29 | 4:36 |
| 7 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:30 | 4:39 |
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| 9 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:32 | 4:45 |
| 10 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:33 | 4:48 |
| 11 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:34 | 4:51 |
| 12 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:35 | 4:54 |
| 13 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:36 | 4:57 |
| 14 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:37 | 5:00 |
| 15 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:38 | 5:03 |
| 16 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:39 | 5:06 |
| 17 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:40 | 5:09 |
| 18 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:41 | 5:12 |
| 19 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:42 | 5:15 |
| 20 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:43 | 5:18 |
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| 23 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:46 | 5:27 |
| 24 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:47 | 5:30 |
| 25 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:48 | 5:33 |
| 26 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:49 | 5:36 |
| 27 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:50 | 5:39 |
| 28 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:51 | 5:42 |
| 29 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:52 | 5:45 |
| 30 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:53 | 5:48 |
| Oct. 1 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:54 | 5:51 |
| 2 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:55 | 5:54 |
| 3 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:56 | 5:57 |
| 4 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:57 | 6:00 |
| 5 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:58 | 6:03 |
| 6 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 7:59 | 6:06 |
| 7 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:00 | 6:09 |
| 8 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:01 | 6:12 |
| 9 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:02 | 6:15 |
| 10 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:03 | 6:18 |
| 11 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:04 | 6:21 |
| 12 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:05 | 6:24 |
| 13 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:06 | 6:27 |
| 14 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:07 | 6:30 |
| 15 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:08 | 6:33 |
| 16 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:09 | 6:36 |
| 17 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:10 | 6:39 |
| 18 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:11 | 6:42 |
| 19 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:12 | 6:45 |
| 20 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:13 | 6:48 |
| 21 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:14 | 6:51 |
| 22 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:15 | 6:54 |
| 23 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:16 | 6:57 |
| 24 | 1:00 a.m. | 6:30 p.m. | 1:00 a.m. | 6:30 p.m. | 1:00 | 8:17 | 7:00 |
| 25 | 1:00 a | | | | | | |